

DEPARTMENT OF THE NAVY  
NAVAL AIR STATION, WHIDBEY ISLAND  
OAK HARBOR, WASHINGTON 98278-5000

NASWHIDBEYINST 11320.1E CH-1  
N36:Mn  
18 Nov 1999

NASWHIDBEY INSTRUCTION 11320.1E CHANGE TRANSMITTAL 1

Subj: STATION FIRE REGULATIONS

Encl: (1) Revised pages 11-6 and 11-7 and new page 11-8

1. Purpose. To revise the procedures regarding the use of portable heaters at NAS Whidbey Island.

2. Action. Remove pages 11-6 and 11-7 of the basic directive and replace with the revised pages forwarded as enclosure (1) herewith.

/s/  
T. E. GLENN  
By direction

Distribution:  
NASWHIDBEYINST 5215.2FF  
Lists A(less 1,2,13), B(less 3,4,6,7),  
C, D, E and G(less 2)

16. Spaces Within Sprinklered Buildings. In buildings that are sprinklered, the construction of office spaces, rooms, and storage areas shall not block the water spray from sprinkler heads to floor material.

17. Overhead Storage. Overhead storage may be used for storing combustibles only when approved by the Fire Prevention Division.

18. Brush and Grass. Grass, weeds, and brush within 25 feet of all structures shall be kept trimmed. Use of oxidizing agents or controlled burning to eliminate grass and weeds requires approval of the Fire Prevention Division.

19. Access Aisles and Fire Lanes

a. Access Aisles

(1) Access aisles to standpipe hoses, fire extinguishers, fire escapes, sprinkler system components, and electric, gas, water, and steam control valves shall be a minimum of 36 inches in width and properly posted.

(2) Access aisles within aircraft hangars shall be a minimum of 48 inches in width along all walls and a minimum of 10 feet in width down the center of hangar bays, and marked per the following color scheme: a six-inch wide yellow stripe with the words "FIRE LANE - KEEP CLEAR" stenciled in red yellow. The stenciled lettering shall be four inches high and two inches wide.

b. Fire Lanes

(1) Fire lanes shall be maintained and properly posted with signs. Fire lanes shall be a minimum of 20 feet in width around major buildings and air equipment. A dead-end road more than 300 feet long shall have a turnaround at the closed end, at least 90 feet in diameter.

(2) Fire lanes shall be provided for all buildings which are set back more than 150 feet from public roadways or which exceed 30 feet in height and are set back over 50 feet from a public road.

20. Sweeping Compounds. Only approved water solutions or detergents, floor sweeping compounds, and grease absorbents shall be used for cleaning floors. The use of sawdust or similar combustible materials to soak up combustible or flammable liquids spilled or dropped on the floor from machinery or processes is prohibited.

21. Lighting and Heat-Producing Equipment. Proper clearances shall be maintained between heating and lighting equipment and

ordinary combustibles, per NFPA codes and standards. Lighting and heating processes and equipment utilizing flammable or combustible liquids shall be designed in accordance with NFPA codes and standards.

## 22. Portable Heaters

### a. General

(R)

(1) All portable heaters and their use aboard the air station must be approved by the Fire Department.

(2) All temporary-use heaters shall be issued through the BOS. No personally owned portable heaters will be authorized for use in any work space unless their construction and use strictly conform to sections b. and c. listed below.

(3) The Fire Department may prohibit the use of any portable heater when its use would present an undue danger to life or property.

(4) Portable heaters fueled by kerosene, propane, or gasoline are not authorized in any Navy building unless specifically pre-approved by the Fire Department for construction or emergency use.

b. Construction. All portable electrical heaters shall have the following features as part of their design construction:

(1) A case made of metal.

(2) A three-prong, grounded plug.

(3) An automatic tip over switch that will shut the unit off should it be knocked over.

(4) A label affixed to the unit that certifies it has been tested and approved by a recognized testing facility such as Factory Mutual (FM) or Underwriters Laboratory (UL).

### c. Heater Safety

(1) All portable heaters shall be kept a minimum of 36 inches away from any combustible materials when in use.

(2) No portable heater is authorized for use in any Class 1, Division 2 area, such as aircraft hangar maintenance bays.

(3) All portable heaters shall be turned off when unattended and unplugged at the end of each work day. Under no

circumstances shall a portable heater be operated when plugged into any type of extension cord, including surge protectors or power strips.

NOTE: Per NAS Whidbey Housing Office directives, no personally owned portable heater of any type is authorized for use in any base housing unit. Housing residents should contact the Housing Office if they feel a portable heater is required in their quarters.

23. Operation of Internal Combustion Engines

a. Internal combustion engines, either stationary, portable, or mobile, operating within grain, hay, grass, or brush-covered areas, shall be equipped with an effective means for arresting the issuance of burning carbon and sparks. Openings in arresting devices shall not exceed 1/32 of an inch.

b. Vehicles with catalytic converters are not allowed in dry grass areas.

24. Fumigation. The Fire Prevention Division shall be notified of fumigation operations per NFPA Standard No. 57 (standard for fumigation).